

JANUARY 2020 CODING & PAYMENT GUIDE

HeartWare™ HVAD™ System



COMMONLY BILLED CODES AND ASSOCIATED 2020 MEDICARE RATES HOSPITAL, PHYSICIAN, AND DMEPOS

This document reflects the commonly billed hospital inpatient procedures, physician and hospital outpatient procedure codes for mechanical circulatory support devices (MCS) and procedures and Durable Medical Equipment, Prosthetics, Orthotics, and Supplies (DMEPOS) codes for HVAD Peripheral replacements. This is not a comprehensive list of all available codes, and it is possible that there is a more appropriate code for any given procedure.

Disclaimer

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HOSPITAL & PHYSICIAN CODING, MEDICARE PAYMENT RATES

The following information reflects the Medicare national allowable amount published by CMS and does not include Medicare payment reductions resulting from sequestration adjustments to the amount payable to the provider, as mandated by the Budget Control Act of 2011. The Medtronic Healthcare Economics and Reimbursement teams can provide site-specific information reflective of sequestration upon request.

FY 2020 Inpatient Hospital Medicare MS-DRG Payment Rates¹:

ICD-10-PCS Code ²	Description	MS-DRG and Descriptions	FY 2020 MS-DRG Medicare National Unadjusted Payment Rates ³
Insertion of Ventricular Assist Device			
02HA0QZ	Insertion of implantable heart assist system into heart, open approach	MS-DRG 001 Heart transplant or implant of heart assist system w/MCC	\$172,959
		MS-DRG 002 Heart transplant or implant of heart assist system w/o MCC	\$87,711

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ICD-10-PCS Code ²	Description	MS-DRG and Descriptions	FY 2020 MS-DRG Medicare National Unadjusted Payment Rates ³
Revision of Ventricular Assist Device			
02WA0QZ	Revision of implantable heart assist system in heart, open approach	MS-DRG 215 Other heart assist system implant	\$80,654
Removal of Ventricular Assist Device			
02PA0QZ	Removal of implantable heart assist system from heart, open approach	MS-DRG 268 Aortic and heart assist procedures except pulsation balloon w/MCC	\$42,452
		MS-DRG 269 Aortic and heart assist procedures except pulsation balloon w/o MCC	\$26,703

Outpatient Hospital Procedure Coding:

Medicare has assigned all of the surgical procedure codes (33979, 33980, 33982 and 33983) a Status "C" which means these services are considered inpatient only.⁴

CY 2020 Outpatient Hospital Medicare Payment Rate⁵:

CPT® Code ⁶	Description	2020 APC	2020 National Average Medicare Payment
93750	Interrogation of ventricular assist device (VAD), in person, with physician or other qualified health care professional analysis of device parameters (e.g., drivelines, alarms, power surges), review of device function (e.g., flow and volume status, septum status, recovery), with programming, if performed, and report	5742	\$113

CY 2020 Physician Medicare Payment Rates⁷:

CPT Code	Description	2020 National Average Medicare Payment
33979	Insertion of ventricular assist device, implantable intracorporeal, single ventricle	\$2,039
33980	Removal of ventricular assist device, implantable intracorporeal, single ventricle	\$1,861
33982	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, without cardiopulmonary bypass	\$2,047
33983	Replacement of ventricular assist device pump(s); implantable intracorporeal, single ventricle, with cardiopulmonary bypass	\$2,420
93750	Interrogation of ventricular assist device (VAD), in person, with physician or other qualified health care professional analysis of device parameters (e.g., drivelines, alarms, power surges), review of device function (e.g., flow and volume status, septum status, recovery), with programming, if performed, and report	\$59 Non-Facility \$50 Facility

HeartWare HVAD System Durable Medical Equipment, Prosthetics, Orthotics, and Supplies (DMEPOS)

This reimbursement reference is adapted from the 2020 CMS DMEPOS Fee Schedule with all ventricular assist device (VAD)-related Healthcare Common Procedure Coding System (HCPCS) Level 2 codes represented. (Similar or identical products with different brand names may be assigned to the same HCPCS code). The blue highlighted Q-codes in the first chart correlate with Medtronic HeartWare HVAD System Accessories and Supplies. Specific Q-codes, such as Q0506 and Q0508, may have additional guidelines and restrictions surrounding lifetime use and claims processing. See the following sources for additional information:

- <https://www.cms.gov/outreach-and-education/medicare-learning-network-mln/mlnmattersarticles/downloads/mm3931.pdf>
- <https://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNMattersArticles/downloads/MM6945.pdf>
- <https://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNMattersArticles/downloads/SE0424.pdf>

Note: Inclusion or exclusion of a fee schedule for an item or service does not imply any health insurance coverage. CMS issues instructions for implementing and/or updating DMEPOS payment amounts on a semiannual basis (January and July), with quarterly updates as necessary (April and October). Please visit <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/DMEPOSFeeSched/DMEPOS-Fee-Schedule> for the most up-to-date fee schedule.

HeartWare Supplies

HCPCS	DMEPOS Fee Schedule National Average ⁸	Description	HW Catalog #	HVAD Equipment
Q0478	\$169	Power adapter for use with electric or electric/pneumatic ventricular assist device, vehicle type	1440	DC Adapter for Controller
Q0481	\$14,516	Microprocessor control unit for use with electric ventricular assist device, replacement only	1403US	Controller and AC Adapter
Q0495	\$4,173	Battery/power pack charger for use with electric or electric/pneumatic ventricular assist device, replacement only	1600US	Battery Charger
Q0498	\$513	Holster for use with electric or electric/pneumatic ventricular assist device, replacement only	2060US, 2050US, 1475	Shoulder Pack, Waist Pack, Pt Pack
Q0501	\$510	Shower cover for use with electric or electric/pneumatic ventricular assist device, replacement only	2000US	Shower Bag
Q0506	\$853	Battery, lithium-ion, for use with electric or electric/pneumatic ventricular assist device, replacement only	1650	Lithium Ion Battery
Q0508	N/A	Miscellaneous supply or accessory for use with implanted ventricular assist device	1730, 1450	Controller AC Adapter, Controller Alarm Adapter

Other VAD Supplies

HCPSCS	DMEPOS Fee Schedule National Average ⁸	Description
Q0477	\$715	Power module patient cable for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0479	\$11,042	Power module for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0480	\$89,975	Driver for use with pneumatic ventricular assist device, replacement only
Q0482	\$4,547	Microprocessor control unit for use with electric/pneumatic combination ventricular assist device, replacement only
Q0483	\$18,731	Monitor/display module for use with electric ventricular assist device, replacement only
Q0484	\$3,637	Monitor/display module for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0485	\$351	Monitor control cable for use with electric ventricular assist device, replacement only
Q0486	\$292	Monitor control cable for use with electric/pneumatic ventricular assist device, replacement only
Q0487	\$341	Leads (pneumatic/electrical) for use with any type electric/pneumatic ventricular assist device, replacement only
Q0489	\$16,239	Power pack base for use with electric/pneumatic ventricular assist device, replacement only
Q0490	\$702	Emergency power source for use with electric ventricular assist device, replacement only
Q0491	\$1,104	Emergency power source for use with electric/pneumatic ventricular assist device, replacement only
Q0492	\$89	Emergency power supply cable for use with electric ventricular assist device, replacement only
Q0493	\$253	Emergency power supply cable for use with electric/pneumatic ventricular assist device, replacement only
Q0494	\$214	Emergency hand pump for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0496	\$1,489	Battery, other than lithium-ion, for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0497	\$468	Battery clips for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0499	\$167	Belt/vest/bag for use to carry external peripheral components of any type ventricular assist device, replacement only
Q0500	\$31	Filters for use with electric or electric/pneumatic ventricular assist device, replacement only
Q0502	\$650	Mobility cart for pneumatic ventricular assist device, replacement only
Q0503	\$1,299	Battery for pneumatic ventricular assist device, replacement only, each
Q0504	\$685	Power adapter for pneumatic ventricular assist device, replacement only, vehicle type

For Medtronic Cardiac Rhythm Heart Failure (CRHF) Reimbursement support, please contact us at 866-877-4102 or via email at: rs.healthcareeconomics@medtronic.com. To access CRHF Reimbursement tools, guides and/or C-code Finder (allows you to find C-codes by product name or model number), visit our website at: medtronic.com/crhfreimbursement. C-code Finder: medtronic.com/crhfcodes

References

- ¹ MS-DRG v37.0 Definitions Manual. Cms.gov. https://www.cms.gov/ICD10Manual/version37-fullcode-cms/fullcode_cms/P0002.html. Accessed October 31, 2019.
- ² 2020 ICD-10-PCS. cms.gov. <https://www.cms.gov/Medicare/Coding/ICD10/2020-ICD-10-PCS.html>. Updated August 9, 2019. Accessed October 31, 2019.
- ³ The IPPS FY 2020 National payment rates based on information published in the IPPS final rule CMS-1716-F, correction notice CMS-1716-CN2 and corresponding tables and data files, which was published on October 8, 2019. IPPS Final Rule Home Page. cms.gov. <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/AcuteInpatientPPS/FY2020-IPPS-Final-Rule-Home-Page.html>. Updated November 15, 2019. Accessed January 10, 2020.
- ⁴ The Addendum E file includes the codes that are paid only as Inpatient procedures in CY 2020. Log on to: <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalOutpatientPPS/index.html>, then access Hospital Outpatient Regulations and Notices (left side of screen), then click on CMS-1717-FC, access the CY 2020 NFRM OPPS Addenda. Accessed February 27, 2020.
- ⁵ The OPPS 2020 National payment rates based on information published in the OPPS/ASC final rule CMS-1717-FC and corresponding Addendum B table which was published on November 1, 2019. Hospital Outpatient Regulations and Notices. cms.gov. <https://www.cms.gov/Medicare/Medicare-Fee-for-Service-Payment/HospitalOutpatientPPS/Hospital-Outpatient-Regulations-and-Notices.html>. Accessed November 12, 2019. Hospital-specific rates will vary based on various hospital-specific factors not reflected in this document and CMS may make adjustments to any or all of the data inputs from time to time.
- ⁶ CPT codes and descriptions only are ©2019 American Medical Association. All rights reserved. No fee schedules are included in CPT. The American Medical Association assumes no liability for data contained or not contained herein.
- ⁷ The Medicare Physician Fee Schedule (MPFS) 2020 National payment rates based on information published in the MPFS final rule CMS-1715-F and corresponding tables and which was published on November 1, 2019. PFS Federal Regulation Notices. cms.gov.
- ⁸ CMS.gov. DME-20A January 2020 DMEPOS Fee Schedules. Available at <https://www.cms.gov/medicare/medicare-fee-service-payment/dmeposfeescheddmepos-fee-schedule/dme20>. Accessed February 27, 2020.

Brief Statement

HeartWare™ HVAD™ System

Indications for Use

The HeartWare™ HVAD™ System is indicated for hemodynamic support in patients with advanced, refractory left ventricular heart failure; either as a Bridge to Cardiac Transplantation (BTT), myocardial recovery, or as Destination Therapy (DT) in patients for whom subsequent transplantation is not planned.

Contraindications

The HeartWare System is contraindicated in patients who cannot tolerate anticoagulation therapy.

Warnings/Precautions

Proper usage and maintenance of the HVAD System is critical for the functioning of the device. Serious and life-threatening adverse events, including stroke, have been associated with use of this device. Blood pressure management may reduce the risk of stroke. Never disconnect from two power sources at the same time (batteries or power adapters) since this will stop the pump, which could lead to serious injury or death. At least one power source must be connected at all times. Always keep a spare controller and fully charged spare batteries available at all times in case of an emergency. Do not disconnect the driveline from the controller or the pump will stop. Avoid devices and conditions that may induce strong static discharges as this may cause the VAD to perform improperly or stop. Magnetic resonance imaging (MRI) could cause harm to the patient or could cause the pump to stop. The HVAD Pump may cause interference with automatic implantable cardioverter-defibrillators (AICDs), which may lead to inappropriate shocks, arrhythmia, and death. Chest compressions may pose a risk due to pump location and position of the outflow graft on the aorta — use clinical judgment. If chest compressions have been administered, confirm function and positioning of HVAD Pump post-CPR.

Potential Complications

Implantation of a VAD is an invasive procedure requiring general anesthesia and entry into the thoracic cavity. There are numerous known risks associated with this surgical procedure and the therapy including, but not limited to, death, stroke, neurological dysfunction, device malfunction, peripheral and device-related thromboembolic events, bleeding, right ventricular failure, infection, hemolysis, and sepsis.

Refer to the "Instructions for Use" for detailed information regarding the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events prior to using this device.

Caution: Federal law (USA) restricts these devices to sale by or on the order of a physician.

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